

DEA No. RA0571996
 FL License # CMTL-0003
 CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Pet Relief	Batch # 2210K	Test Reg State: Colorado
Order # PUL221111-010003	Batch Date: 2022-11-11	
Order Date: 2022-11-11	Extracted From: HEMP	
Sample # AADS428		
Sampling Date: 2022-11-17	Initial Gross Weight: 240.400 g	Number of Units: 3
Lab Batch Date: 2022-11-17	Net Weight: 92.304 g	Net Weight per Unit: 30768.000 mg
Completion Date: 2022-11-21		



Product Image

Potency Tested

Heavy Metals Passed

Staphylococcus Aureus Passed

Potency 10
 Specimen Weight: 111.900 mg
 Tested SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	100.000	5.40E-5	0.0015	3.7700	0.3770
CBC	100.000	1.80E-5	0.0015	0.1600	0.0160
CBDa	100.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	100.000	6.50E-5	0.0015	<LOQ	<LOQ
CBS	100.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	100.000	8.00E-5	0.0015	<LOQ	<LOQ
CBN	100.000	1.40E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	100.000	1.30E-5	0.0015	<LOQ	<LOQ
THCA-A	100.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	100.000	7.00E-6	0.0015	<LOQ	<LOQ

Potency Summary

Total Active THC None Detected	Total Active CBD 0.377% 116.000mg
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 0.016% 4.920mg	Total Cannabinoids 0.393% 120.920mg

Heavy Metals - CO
 Specimen Weight: 252.190 mg
 Passed SOP13.048 (ICP-MS)

Dilution Factor: 198.263

Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	0.58	100	500	<LOQ
Cadmium (Cd)	0.64	100	500	<LOQ	Mercury (Hg)	11.76	100	1500	<LOQ

Staphylococcus Aureus
 Specimen Weight: 231.330 mg
 Passed SOP13.029 (qPCR)

Dilution Factor: 1.000

Analyte	Action Limit (cfu/g)	Result
Staphylococcus aureus	1	Absence

Xueli Gao
 Ph.D., DABT
 Lab Toxicologist

Aixia Sun
 D.H.Sc., M.Sc., B.Sc., MT (AAB)
 Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCv = THCv + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCv + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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CERTIFICATE OF ANALYSIS

Prepared for:
Pet Releaf
8100 Southpark Way
Littleton, CO USA 80120


PR Hibiscus

Batch ID or Lot Number: 2210K	Test: Microbial Contaminants	Reported: 21Nov2022	USDA License: N/A
Matrix: Finished Product	Test ID: T000227690	Started: 17Nov2022	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 15Nov2022	Status: Active

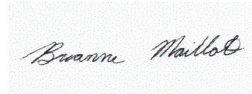
Microbial

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval



Brett Hudson
20Nov2022
12:44:00 PM MST



Brianne Maillot
21Nov2022
04:21:00 PM MST



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/dd64db22-5714-4680-912f-6c22cf34da20>

Definitions
* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



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APPROVED - Richie Bryan QA/QC 12/1/2022